Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2020-07-06-08** **Date: 11/05/2020**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-05-20
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	150.61 X 149.29 X 150.47	22484	8.456	415.7	18.5	18.8
2	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	149.10 X 151.39 X 150.59	22571	8.420	426.8	18.9	
3	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	151.64 X 149.65 X 149.07	22692	8.900	428.8	18.9	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2020-07-06-08 **Date: 01/06/2020**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-05-20
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	01/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	150.54 X 149.95 X 150.43	22573	8.494	528.8	23.4	23.1
2	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	151.01 X 149.25 X 149.64	22538	8.004	500.8	22.2	
3	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	150.79 X 151.47 X 151.95	22841	8.616	542.0	23.7	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-07-06-08 **Date: 11/05/2020**

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14

Agency : M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/02/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-05-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	151.83 X 150.53 X 151.22	22855	8.456	428.6	18.8	18.6
2	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	151.98 X 150.49 X 150.26	22872	8.420	413.7	18.1	
3	Drain Bottom Slab Concrete	M20	04/05/2020	11/05/2020	151.72 X 149.78 X 149.48	22726	8.900	431.1	19.0	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 01/06/2020

Lab ID	:	CP-2020-07-06-08
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-05-20
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	01/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	149.94 X 151.84 X 151.43	22767	8.494	534.0	23.5	23.2
2	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	150.99 X 151.76 X 151.94	22913	8.004	513.7	22.4	
3	Drain Bottom Slab Concrete	M20	04/05/2020	01/06/2020	151.05 X 150.79 X 149.80	22776	8.616	538.1	23.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2020-07-06-08** **Date: 21/05/2020**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-20
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	151.08 X 151.63 X 150.15	22908	8.456	424.3	18.5	18.4
2	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	150.25 X 149.43 X 151.09	22452	8.420	415.6	18.5	
3	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	150.92 X 150.18 X 151.19	22665	8.900	410.8	18.1	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 11/06/2020

Lab ID	:	CP-2020-07-06-08
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-20
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	151.35 X 149.56 X 150.87	22636	8.494	538.1	23.8	23.4
2	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	151.60 X 149.28 X 151.20	22632	8.004	516.1	22.8	
3	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.51 X 150.14 X 151.03	22448	8.616	531.0	23.7	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/05/2020

Lab ID	:	CP-2020-07-06-08
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-20
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	149.98 X 151.78 X 151.21	22763	8.456	428.5	18.8	18.5
2	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	151.59 X 150.43 X 151.82	22803	8.420	418.1	18.3	
3	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	149.21 X 149.17 X 151.07	22258	8.900	408.4	18.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-07-06-08 **Date: 11/06/2020**

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14

Agency : M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/02/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-05-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.95 X 149.44 X 149.05	22408	8.494	523.3	23.4	23.1
2	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	151.03 X 151.88 X 150.52	22939	8.004	525.8	22.9	
3	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	150.30 X 149.35 X 151.14	22448	8.616	519.9	23.2	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-07-06-08 **Date: 21/05/2020**

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14

Agency : M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/02/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-05-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	150.19 X 150.00 X 149.20	22528	8.456	421.4	18.7	18.6
2	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	150.26 X 149.98 X 150.05	22535	8.420	406.3	18.0	
3	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	149.68 X 150.37 X 149.46	22507	8.900	426.0	18.9	

Note:

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-07-06-08 **Date: 11/06/2020**

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14

Agency : M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/02/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-05-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	151.40 X 149.90 X 151.12	22694	8.494	533.0	23.5	22.9
2	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	150.10 X 149.68 X 150.30	22467	8.004	495.1	22.0	
3	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.53 X 151.78 X 151.67	22695	8.616	523.8	23.1	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/05/2020

Lab ID	:	CP-2020-07-06-08
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-20
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/05/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	150.01 X 149.19 X 151.53	22380	8.456	403.5	18.0	18.4
2	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	151.82 X 151.84 X 149.84	23051	8.420	425.4	18.5	
3	Drain Side Wall Concrete	M20	14/05/2020	21/05/2020	149.60 X 151.44 X 149.52	22655	8.900	424.9	18.8	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2020-07-06-08** **Date: 11/06/2020**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-05-20
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	11/06/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.28 X 150.23 X 151.00	22427	8.494	524.7	23.4	23.0
2	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.64 X 149.38 X 151.61	22353	8.004	501.2	22.4	
3	Drain Side Wall Concrete	M20	14/05/2020	11/06/2020	149.98 X 151.65 X 150.93	22744	8.616	524.8	23.1	

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TEST RESULTS OF GRADATION FOR WMM

Lab ID : **CP-RW-2020-07-06-08** **Date: 04-06-20**

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14

Agency : M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer Reference : EE/DD/W.O/02/2020-21

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 02-06-20

Type of Mix : WMM (Wet Mix Macadam)

Date of test : 02-06-20

Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	2.9	97.1	95-100
22.4	2259	2574	23.4	76.6	60-80
11.2	2179	4753	43.2	56.8	40-60
4.75	2251	7004	63.7	36.3	25-40
2.36	1621	8625	78.4	21.6	15-30
0.6	623	9248	84.1	15.9	8-22
0.075	1338	10586	96.2	3.8	0-5

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TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	**CP-RW-2020-07-06-08** **Date: 04-06-20**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhaiah Layout) in Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-06-20
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	02-06-20

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.9	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Pecentage	24.6	

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DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Date: 04-06-20

Lab ID	:	CP-RW-2020-07-06-08
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements of CC Roads, Drains and Other Works at Gowdike Hoola (Jodidhar Narasimhalah Layout) In Ward No.14
Agency	:	M/S Technical Managaer (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer Reference	:	EE/DD/W.O/02/2020-21
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	02-06-20
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	02-06-20

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	12.8%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	25.3%	

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